

I CLAIM:

1. A process for bendable thin wood, wherein, the thin wood being impregnated in high pressure and vacuum conditions; both surfaces on top and bottom of the thin wood then coated with glue, bound with a sheet of color paper, overlapped with another sheet of white paper with all the sheets of paper and the thin wood pre-impregnated in melamine; the thin wood being dried in an oven to reduce the fibers of the paper and get hardened again; hardened fibers giving tensile strength and elongation; and the thin wood being bent into the shape desired; is characterized by that the paper being bent together with the thin wood, perfectly flush bound on the curvature, and the melamine impregnated paper effectively improving the strength of the surface of the thin wood to become fire withstanding, water proof, and chemical resistant while providing multiple color options, scratch proof appearance, color fast and paint free results.
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